ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BLS/

S. J.	Substitute for form 1449/PTO		Complete if Known		
Suc	ostitute for form 1449/PTO			Application Number	09/901,782
l in	NFORMATION	1 DI	SCLOSURE	Filing Date	July 9, 2001
	TATEMENT E			First Named Inventor	Susan HARDIN
		.	a i Liozati	Art Unit	1634
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			U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US-4.711.955	12/1987	Ward et al.	
	2.	US-4,994,373	02/1991	Stavrianopoulos et al.	
	3.	US-4,997,928	03/1991	Hobbs	
	4.	US-5,200,313	04/1993	Carrico	
	5.	US-5,230,781	07/1993	Middendorf et al.	
	6.	US-5,241,060	08/1993	Englehardt et al.	
	7.	US-5,302,509	04/1994	Cheeseman	
	8.	US-5,360,523	11/1994	Middendorf et al.	
	9.	US-5,366,603	11/1994	Middendorf et al.	
	10.	US-5,403,708	04/1995	Brennan et al.	
	11.	US-5,405,747	04/1995	Jett et al.	
	12.	US-5,470,710	11/1995	Weiss et al.	
	13.	US-5,534,125	07/1996	Middendorf et al.	
	14.	US-5,547,835	08/1996	Koster	
	15.	US-5,547,839	08/1996	Dower et al.	
	16.	US-5,571,388	11/1996	Patonay et al.	
	17.	US-5,601,982	02/1997	Sargent et al.	
	18.	US-5,620,854	04/1997	Holzrichter et al.	
	19.	US-5,631,134	05/1997	Cantor	
	20.	US-5,639,874	06/1997	Middendorf et al.	
	21.	US-5,646,264	07/1997	Glazer et al.	
	22.	US-5,661,028	08/1997	Foote	
	23.	US-5,677,196	10/1997	Herron et al.	
	24.	US-5,688,648	11/1997	Mathies et al.	
	25.	US-5,695,934	12/1997	Brenner	
	26.	US-5,703,222	12/1997	Grossman et al.	
	27.	US-5,707,804	01/1998	Mathies et al.	
	28.	US-5,723,298	03/1998	Oommen et al.	
	29.	US-5,755,943	05/1998	Middendorf et al.	
	30.	US-5,800,995	09/1998	Patonay et al.	
	31.	US-5,846,727	12/1998	Soper et al.	
	32.	US-5,858,671	01/1999	Jones	
	33.	US-5,922,591	07/1999	Anderson et al.	
	34.	US-5,961,923	10/1999	Nova et al.	
	35.	US-5,972,603	10/1999	Bedford et al.	
	36.	US-6,004,446	12/1999	Middendorf et al.	
	37.	US-6,004,744	12/1999	Goelet et al.	
	38.	US-6,027,709	02/2000	Little et al.	
	39.	US-6,027,709 US-6,027,890	02/2000	Ness et al.	
	40.	US-6,027,890 US-6,048,690	04/2000	Heller et al.	
	41.	US-6,086,737	07/2000	Patonay et al.	
	41.			Middendorf et al.	
	42.	US-6,143,151	11/2000	iviludendon et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BLS/

Suk	ostitute for form 1449/PTO			Complete if Known	
Suc			Application Number	09/901,782	
l in	NFORMATION	I DI	SCLOSURE	Filing Date	July 9, 2001
	TATEMENT E			First Named Inventor	Susan HARDIN
~		.	a i Liozati	Art Unit	1634
	(Use as many sheets as necessary)			Examiner Name	B. L. Sisson
Sheet	2	of	9	Attorney Docket Number	548642003100

43.	US-6,207,421	03/2000	Middendorf et al.	
44.	US-6,210,896	04/2001	Chan	
45.	US-6,221,592	04/2001	Schwartz et al.	
46.	US-6,232,075	05/2001	Williams	
47.	US-6,255,083	07/2001	Williams	
48.	US-6,263,286	07/2001	Gilmanshin et al.	
49.	US-6,355,420	03/2002	Chan	
50.	US-6,399,335	06/2002	Kao et al.	
51.	US-6,403,311	06/2002	Chan	
52.	US-6,485,944	11/2002	Church et al.	
53.	US-6,524,829	02/2003	Seeger	
54.	US-6,558,945			
55.		05/2003 07/2003	Kao	
	US-6,593,148		Narayanan	
56.	US-6,869,764	03/2005	Williams et al.	
57.	US-6,762,048	07/2004	Williams	
58.	US-6,818,395	11/2004	Quake et al.	
59.	US-6,911,345	06/2005	Quake et al.	
60.	US-6,936,702	08/2005	Williams et al.	
61.	US-6,982,186	01/2006	Jeon et al.	
62.	US-6,995,274	02/2006	Lugade et al.	
63.	US-7,005,518	02/2006	Peng et al.	
64.	US-7,033,764	04/2006	Korlach et al.	
65.	US-7,052,847	05/2006	Korlach et al.	
66.	US-7,056,661	06/2006	Korlach et al.	
67.	US-7,056,676	06/2006	Korlach et al.	
68.	US-7,118,907	10/2006	Williams et al.	
69.	US-7,130,041	10/2006	Bouzid et al.	
70.	US-7,229,799	06/2007	Williams et al.	
71.	US-7,280,205	10/2007	Bouzid et al.	
72.	US-7,286,232	10/2007	Bouzid	
73.	US-7,361,466	04/2008	Korlach et al.	
74.	US-7,393,640	07/2008	Kumar et al.	
75.	US-7,416,844	08/2008	Korlach et al.	
76.	US-2001/0014850	08/2001	Gilmanshin et al.	
77.	US-2002/0025529	02/2002	Quake et al.	
78.	US-2002/0115076	08/2002	Williams	
79.	US-2002/0164629	11/2002	Quake et al.	
80.	US-2002/0168678	11/2002	Williams et al.	
81.	US-2003/0044781	03/2003	Korlach et al.	
82.	US-2003/0064366	04/2003	Hardin et al.	
83.	US-2003/0064400	04/2003	Williams	
84.	US-2003/0134807	07/2003	Hardin et al.	
85.	US-2003/0174992	09/2003	Levene et al.	
86.	US-2003/0186255	10/2003	Williams et al.	
87.	US-2003/0194740	10/2003	Williams et al.	
88.	US-2004/0015964	01/2004	McCann et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BLS/

S. J.	Substitute for form 1449/PTO		Complete if Known		
Suc	ostitute for form 1449/PTO			Application Number	09/901,782
l in	NFORMATION	1 DI	SCLOSURE	Filing Date	July 9, 2001
	STATEMENT BY APPLICANT			First Named Inventor	Susan HARDIN
~		.	A I LIOPATI	Art Unit	1634
	(Use as many sheets as necessary)			Examiner Name	B. L. Sisson
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89	. US-2004/0171827	09/2004	Peng et al.	
90		12/2004	Kumar et al.	
91		12/2004	Williams Williams	
92		02/2005		
93		07/2005	Korlach et al.	
94		07/2005	Korlach et al.	
95		08/2005	Korlach et al.	
96		09/2005	Korlach et al.	
97		09/2005	Korlach et al.	
98		11/2005	Fogal et al.	
99		11/2005	Hardin et al.	
10		12/2005	Hardin et al.	
10		12/2005	Williams et al.	
10		12/2005	Levene et al.	
	3. US-2006/0057606	03/2006	Korlach et al.	
10		03/2006	Turner et al.	
10		03/2006	Turner et al.	
10	6. US-2006/0061755	03/2006	Turner et al.	
10	7. US-2006/0062531	03/2006	Turner et al.	
10	8. US-2006/0063173	03/2006	Williams et al.	
10	9. US-2006/0063247	03/2006	Lugade et al.	
11	0. US-2006/0063264	03/2006	Turner	
11	1. US-2006/0134666	06/2006	Korlach et al.	
11	2. US-2006/0154288	07/2006	Korlach et al.	
11	3. US-2006/0160113	07/2006	Korlach et al.	
11	4. US-2006/0188900	08/2006	Korlach et al.	
11	5. US-2006/0194232	08/2006	Turner et al.	
11	6. US-2006/0197949	09/2006	Bouzid et al.	
11	7. US-2006/0211010	09/2006	Korlach et al.	
11	8. US-2006/0280688	12/2006	Kovar et al.	
11	9. US-2007/0036502	02/2007	Levene et al.	
12	0. US-2007/0042398	02/2007	Peng et al.	
12	1. US-2007/0044538	03/2007	Johnson et al.	
12	2. US-2007/0048748	03/2007	Williams et al.	
12	3. US-2007/0134128	06/2007	Korlach et al.	
12		02/2007	Levene	
12	5. US-2007/0154921	07/2007	Woudenberg et al.	
12		07/2007	Hardin et al.	
12	7. US-2007/0172858	07/2007	Hardin et al.	
12		07/2007	Hardin et al.	
12		07/2007	Hardin et al.	
13		07/2007	Hardin et al.	
	1. US-2007/0172862	07/2007	Hardin et al.	
13		07/2007	Hardin et al.	
13		07/2007	Hardin et al.	
13		07/2007	Hardin et al.	
	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1		

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BLS/

Sub	estitute for form 1440/PTO			Complete if Known	
Suc	ostitute for form 1449/PTO			Application Number	09/901,782
l in	NFORMATION	1 DI	SCLOSURE	Filing Date	July 9, 2001
	TATEMENT E			First Named Inventor	Susan HARDIN
		.	A I LIOAN	Art Unit	1634
	(Use as many sheets as necessary)			Examiner Name	B. L. Sisson
Sheet	4	of	9	Attorney Docket Number	548642003100

135.	US-2007/0172866	07/2007	Hardin et al.	
136.	US-2007/0172867	07/2007	Hardin et al.	
137.	US-2007/0172868	07/2007	Hardin et al.	
138.	US-2007/0172869	07/2007	Hardin et al.	
139.	US-2007/0184475	08/2007	Hardin et al.	
140.	US-2007/0250274	10/2007	Volkov et al.	
141.	US-2007/0275395	11/2007	Hardin et al.	
142.	US-2007/0292867	12/2007	Hardin et al.	
143.	US-2008/0076189	03/2008	Belosludtsev et al.	
144.	US-2008/0091005	04/2008	Wang et al.	
145.	US-2008/0241938	10/2008	Rea	
146.	US-2008/0241951	10/2008	Battulga et al.	

		FOREIG	GN PATENT [OCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code³ -Number⁴-Kind Code⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
	147.	EP-0 141 409	05/1985			
	148.	EP-0 258 017	06/1997			
	149.	EP-0 745 686	12/1996			
	150.	EP-0 834 576	04/1998			
	151.	WO-90/013666	11/1990			
	152.	WO-91/013075	09/1991			
	153.	WO-93/021340	10/1993			
	154.	WO-95/006138	03/1995			
	155.	WO-98/022615	05/1998			
	156.	WO-98/028440	07/1998			
	157.	WO-98/044152	10/1998			
	158.	WO-99/019341	04/1999			
	159.	WO-99/053034	10/1999			
	160.	WO-99/057321	11/1999			
	161.	WO-00/009757	02/2000			
	162.	WO-00/036152	06/2000			
	163.	WO-00/040750	07/2000			
	164.	WO-00/053812	09/2000			
	165.	WO-00/058507	10/2000			
	166.	WO-00/060072	10/2000			
	167.	WO-00/067698	11/2000			
	168.	WO-01/013088	02/2001			
	169.	WO-01/032930	05/2001			
	170.	WO-01/057248	08/2001			
	171.	WO-01/057249	08/2001			
	172.	WO-01/094609	12/2001			
	173.	WO-02/002813	01/2002			

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BLS/

S	Substitute for form 1449/PTO		Complete if Known		
Suit			Application Number	09/901,782	
1	NFORMATION	1 DI	SCLOSURE	Filing Date	July 9, 2001
	TATEMENT E			First Named Inventor	Susan HARDIN
		.	A I LIOPATI	Art Unit	1634
	(Use as many sheets as necessary)			Examiner Name	B. L. Sisson
Sheet	5	of	9	Attorney Docket Number	548642003100

174.	WO-02/003305	01/2002	
175.	WO-02/004680	01/2002	
176.	WO-02/029106	04/2002	П
177.	WO-02/061126	08/2002	
178.	WO-02/061127	08/2002	
179.	WO-02/072892	09/2002	
180.	WO-02/095070	11/2002	\Box
181.	WO-02/101095	12/2002	
182.	WO-03/016565	02/2003	
183.	WO-03/020734	03/2003	

Examiner	/Dradlay Ciasas/	Date	03/24/2000
Signature	/Bradley Sisson/	Considered	03/24/2009

^{*}EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials [*]	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	184.	Declaration of Interference for U.S. Patent No. 7,329,492, Patent Interference No. 105,677 (SGL), dated December 18, 2008	
	185.	Standing Order for U.S. Patent No. 7,329,492, Patent Interference No. 105,677 (SGL), dated December 18, 2008	
	186.	Williams List of Intended Motions, Patent Interference No. 105,677 (SGL), filed January 28, 2009	
	187.	Hardin's List of Proposed Motions, Patent Interference No. 105,677 (SGL), filed January 28, 2009	
	188.	Order – Motion Times, Patent Interference No. 105,677 (SGL), filed February 12, 2009	
	189.	Redeclaration, Patent Interference No. 105,677 (SGL), filed February 12, 2009	
	190.	Communication of Notices of Opposition, from EP Patent No. 1 368 460, dated September 4, 2008	
	191.	US Provisional Application 60/112,078 filed by Williams on December 14, 1998	
	192.	US Provisional Application 60/115,496 filed by Williams on January 11, 1999	
	193.	US Provisional Application 60/216,594 filed by Hardin on July 7, 2000	
	194.	AGRAWAL et al., Tetrahedron Lett (1990) 31:1543-1546	
	195.	ALLEN et al., Nucleic Acids Res (1998) 26:3877-3882	
	196.	AMBROSE et al., Science (1994) 265:364-367	
	197.	ARION et al., Drug Resistance Updates (1999) 2(2):91-95	
	198.	ASANOV et al., Analytical Chemistry (1998) 70:1156-1163	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BLS/

Cula	ostitute for form 1449/PTO			Complete if Known		
Suc	ostitute for form 1449/PTO			Application Number	09/901,782	
l in	NFORMATION	1 DI	SCLOSURE	Filing Date	July 9, 2001	
	TATEMENT E			First Named Inventor	Susan HARDIN	
		.	A I LIOPATI	Art Unit	1634	
	(Use as many sh	eets as	s necessary)	Examiner Name	B. L. Sisson	
Sheet	6	of	9	Attorney Docket Number	548642003100	

100	DAINIO	
199.	BAINS et al., J Theor Biol (1988) 135:303-307	-
200.	BASCHE et al., Phys Rev Lett (1992) 69(10):1516-1519	-
201.	BONNAFFE et al., Tetrahedron (1995) 36:531-534	
202.	BRANDIS et al., Biochemistry (1996) 35:2189-2200	
203.	BROUWER et al., Chem Physics (1999) 110:9151-9159	
204.	BROWNSTEIN et al., Biotechniques (1996) 20:1004-1010	
205.	CANARD et al., JBC (1999) 274(50):35768-35776	
206.	CANARD and SARFATI, Gene (1994) 148:1-6	
207.	CHATTERJI et al., Methods in Enzymology (1996) 274:456-479	
208.	CHURCH et al., Science, New Series (1988) 240(4849):185-188	
209.	COLLINS et al., Science (1998) 282:682-689	
210.	CROSS et al., Biochemistry (1997) 36:4096-4107	
211.	DAVIS et al., Los Alamos Science (1992) 20:281-285	
212.	DHAR et al., J Biol Chem (1999) 274:14568-14572	
213.	DOBRIKOV et al., Antisense Nucleic Acid Drug Development (1997) 7(4):309-317	
214.	DORRE et al., Bioimaging (1997) 5:139-152	
215.	DRAGANESCU et al., J Biol Chem (2000) 275:4555-4560	
216.	DRICOLL et al., Nature (1990) 346:294-296	
217.	EDMAN et al., PNAS USA (1996) 93:6710-6715	
218.	EGGELING et al., PNAS USA (1998) 95:1556-1561	
219.	EIGEN, Medicinal Res Rev (1993) 13(4):385-398	
220.	European Search Report for EP 01 96 1632.5, mailed on December 6, 2004, 4 pages	
221.	EWING and GREEN, Genome Res (1998) 8:186-194	
222.	FANG et al., J Am Chem Soc (1999) 121:2921-2922	
223.	FLEISCHMANN et al., Science, New Series (1995) 269(5223):496-498 and 507-512	
224.	FOSTER et al., Modern quantum chemistry. Istanbul Lectures, Part III, Academic: New York, 1965, pp. 93-137	
225.	FU et al., Nucleic Acids Res (1977) 25:677-679	
226.	GAO et al., Biochemistry (1992) 31:6228-6236	1
227.	GAO et al., Nucleosides & Nucleotides (1997) 16:1599-1608	
228.	GARCIA, Methods in Enzymology (1992) 207:501-511	
229.	GARDNER et al., Nucleic Acids Res (2002) 30(2):605-613	
230.	GLAZER and MATHIES, Current Opinion in Biotechnology (1997) 8:94-102	
231.	GOODWIN et al., Nucleosides & Nucleotides (1997) 16(5-6):543-550	\top
232.	GUATELLI et al., PNAS USA (1990) 87:1874-1878	
233.	GUPTA et al., Nucleic Acids Res (1991) 19:3019-3025	┢
234.	HA et al., PNAS USA (1999) 96:893-898	┢
235.	HARDING et al., Trends in Biotechnol (1992) 10(1-2):55-57	\top
236.	HOLLAND et al., PNAS USA (1991) 88:7276-7280	
237.	HUANG et al., Nucleic Acids Res (1992) 20:4567-4573	+
238.	HUBER et al., J Biol Chem (1987) 262(33):16224-16232	┢
239.	HULTMAN et al., Nucleic Acids Res (1988) 17:4937-4946	-

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BLS/

Suk	ostitute for form 1449/PTO			Complete if Known	
Suc	ostitute for form 1449/FTO			Application Number	09/901,782
1 11	NFORMATION	1 DI	SCLOSURE	Filing Date	July 9, 2001
I	TATEMENT E			First Named Inventor	Susan HARDIN
		.	A I LIOANI	Art Unit	1634
	(Use as many she	eets as	s necessary)	Examiner Name	B. L. Sisson
Sheet	7	of	9	Attorney Docket Number	548642003100

240.	Human Genome Project, retrieved online at http://www.nhgri.nih.gov/HGP/	
241.	HUNKAPILLER et al., Science, New Series (1991) 254(5028):59-67	
242.	IHALAINEN et al., Bio Techniques (1994) 16:938-943	
243.	International Preliminary Examination Report for PCT/US01/21811, issued on December 4,	
	2003, 6 pages	
244.	International Search Report for PCT/US01/21811, mailed on May 12, 2003, 7 pages	
245.	JAMESON et al., Methods in Enzymology (1997) 278:363-390	
246.	JETT et al., J Biomol Struct Dyn (1989) 7:301	
247.	JOHNSON et al., Analytical Biochemistry (1968) 26:137-145	
248.	JONES et al., ABRF News (1998) 9(2):6-10	
249.	JONES et al., Biotechniques (1997) 22:938-946	
250.	JU et al., Analytical Chemistry (1995) 231(1):131-140	
251.	JU et al., PNAS USA (1995) 92:4347-4351	
252.	KAWATA et al., J Applied Physics (1999) 85(3):1294-1301	
253.	KELLER et al., Applied Spectroscopy (1996) 50:12A-32A	
254.	KELMAN et al., Structure (1998) 6:121-125	
255.	KIM et al., J Biol Chem (1999) 274(39):27666-27673	
256.	KINJO et al., Nucleic Acids Res (1995) 23:1795-1799	
257.	KOSTER et al., Nature Biotechnology (1996) 14:1123-1128	
258.	KRISTENSEN et al., DNA Seq (1991) 1(4):227-232	
259.	KUNKEL, J Biol Chem (1992) 267(26):18251-18254	
260.	LEBEL et al., J Biol Chem (1980) 255:1227-1233	
261.	LEE et al., Nucleic Acids Res (1997) 25:2816-2822	
262.	LEWIS et al., J Am Chem Soc (1997) 119:5451-5452	
263.	LEWIS et al., J Biol Chem (1999) 274:32924-32930	
264.	LIVAK et al., PCR Methods Appl. (1995) 4(6):357-362	
265.	LUNDBERG et al., Gene (1991) 108(1):1-6	
266.	MACKERELL et al., J Phys Chem B (1998) 102:3586-3616	
267.	MAXAM et al., PNAS USA (1977) 74(2):560-564	
268.	MORRIS et al., J Comp Chem (1998) 19:1639-1662	
269.	MSI: Quanta and insight II, 2000, Molecular Simulations, Inc., San Diego, CA; retrieved online	
	at http://www.msi.com	
270.	NARASIMHAN et al., Enzyme Microb Technol (1985) 7:283-286	
271.	NELSON et al., Nucleic Acids Res (1989) 17:7187-7193	
272.	NICKERSON et al., Nucleic Acids Res (1997) 25(14):2745-2751	
273.	NIE et al., Analytical Chemistry (1995) 67:2849-2857	
274.	NIE et al., Science (1994) 266:1018-1021	
275.	NILSSON et al., Biotechniques (1997) 22:744-751	
276.	NOVOTNY et al., Physical Review Letters (1997) 79(4):645-648	
277.	NYREN, Analytical Biochemistry (1987) 167:235-238	
278.	ORRIT et al., J Luminescence (1994) 60/61:991-996	
279.	OSHEROFF et al., J Biol Chem (1999) 274:3642-3650	
280.	PARIS et al., Nucleic Acids Res (1998) 26:3789-3793	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BLS/

S. J.	ostitute for form 1449/PTO			Complete if Known	
Suc	ostitute for form 1449/PTO			Application Number	09/901,782
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Sheet	8	of	9	Attorney Docket Number	548642003100

281.	Partial European Search Report for EP Application No. 07119675.2 – 2403, dated August 20, 2008 7 pages	
282.	PATEL et al., Biochemistry (1991) 30:511-525	
283.	PATEL et al., J Mol Biol (2001) 308:823-837	
284.	POLLOK et al., Trends in Cell Biology (1999) 9:57-60	
285.	RAJA et al., Nucleic Acids Res (1997) 25:800-805	Ī
286.	RICE and GAO, Biochemistry (1997) 36:399-411	
287.	RONAGHI et al., Analytical Chemistry (1996) 242:84-89	
288.	RONAGHI et al., Science (1998) 281:363-365	
289.	SANCHEZ et al., Physical Review Letters (1999) 82(20):4014-4017	Ī
290.	SANGER et al., PNAS USA (1977) 74(12):5463-5467	
291.	SAUER et al., Phys Chem Chem Phys (1999) 1(10):2471-2477	T
292.	SCHLAGECK et al., J Biol Chem (1979) 254:12074-12077	T
293.	SCHMIDT et al., PNAS USA (1996) 93:2926-2929	
294.	SCHWILLE et al., Biophysical Journal (1997) 72:1878-1886	T
295.	SOARES et al., Biopolymers (1999) 50:319-328	
296.	SPROAT et al., Nucleic Acids Res (1987) 15:4837-4849	T
297.	SYVANEN et al., Genomics (1990) 8:684-692	T
298.	TABOR et al., J Biol Chem (1987) 262(33):16212-16223	┪
299.	TABOR et al., J Biol Chem (1990) 265:8322-8328	T
300.	TAN et al., Biochemistry (1991) 30:2651-2655	7
301.	TOKUNAGA et al., Biochem Biophys Res Commun (1997) 235:47-53	
302.	TONG et al., J Am Chem Soc (1995) 117:12151-12158	T
303.	TYAGI, Biochem. (1992) 31:6447-6453	
304.	TYAGI and KRAMER, Nature Biotech (1996) 14:303-308	
305.	TYAGI and WU, J Biol Chem (1987) 262:10684-10688	T
306.	TYAGI et al., Nature Biotech (1998) 16:49-53	
307.	VASSILLIOU et al., Virology (2002) 274:429-437	
308.	VELCULESCU et al., Science, New Series (1995) 270(5235):484-487	
309.	VOSS et al., BioTechniques (1997) 23(2):312-318	
310.	WAINBERG et al., Science, New Series (1996) 271:1282-1285	
311.	WEISS, Science (1999) 283:1676-1683	
312.	WONG et al., Biochemistry (1991) 30(2):526-537	
313.	Written Opinion for PCT/US01/21811, mailed on September 9, 2003, 6 pages	
314.	WU and TYAGI, JBC (1987) 262(27):13147-13154	
315.	WU et al., Biochem Biophys (1986) 246(2):564-571	
316.	WU et al., FEBS Letters (1998) 440:111-115	
317.	XU et al., Science (1998) 281:1650-1653	
318.	YAMANA et al., Tetrahedron Lett (1997) 38:6051-6054	
319.	YANG et al., Biochemistry (1999) 38:12586-12596	
320.	YANLONG et al., Bioconjugate Chem (1999) 10:241-245	
321.	YARBROUGH and BOCK, J. Biol. Chem. (1980) 255:9907-9911	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BLS/

Sub-	ostitute for form 1449/PTO			Complete if Known		
Suc	stitute for form 1449/FTO			Application Number	09/901,782	
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Sheet	9	of	9	Attorney Docket Number	548642003100	

322.	YARBROUGH et al., Biochem Biophys Res Commun (1978) 81:35-41	
323.	YARBROUGH et al., J Biol Chem (1979) 254(23):12069-12073	
324.	ZUCKERMAN et al., Nucleic Acids Res (1987) 15:5305-5321	
325.	U.S. Provisional Application Serial No. 60/134,827, filed on May 19, 1999 [Korlach et al.]	
326.	U.S. Provisional Application Serial No. 60/151,580, filed on August 30, 1999 [Schneider et al.]	

Examiner Signature /Bradley Sisson/	Date Considered	03/24/2009
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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